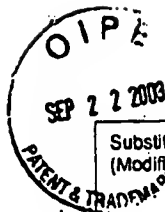


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Application No. <u>09/998,012</u>	Prepared by <u>NPB</u>	Tracking Number <u>0589/329</u>	
Examiner-GAU <u>UUAH-2874</u>	Date <u>3/3/04</u>	Week Date <u>1/19/04</u>	
	No. of queries <u>1FW</u>		

JACKET			
a. Serial No.	f. Foreign Priority	k. Print Claim(s)	p. PTO-1449
b. Applicant(s)	g. Disclaimer	l. Print Fig.	q. PTOL-85b
c. Continuing Data	h. Microfiche Appendix	m. Searched Column	r. Abstract
d. PCT	i. Title	n. PTO-270/328	s. Sheets/Figs
e. Domestic Priority	j. Claims Allowed	o. PTO-892	t. Other

SPECIFICATION	MESSAGE
a. Page Missing	<p><i>pto-1449: please either initial or line through citations (13 pages - copy provided for reference).</i></p> <p><i>Thompson</i></p>
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	initials

Sheet 1 of 1

Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 15670-009001	Application No. 09/998,012
Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b))		Applicant Mark Wang et al.	
		Filing Date November 28, 2001	Group Art Unit 2874

U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
Aullah	AA	5674743	10/7/1997	Ulmer			
	AB	6159749	12/12/2000	Liu			
	AC	2002/0045272	4/18/2002	McDevitt et al.			
	AD	2002/0094533	7/18/2002	Hess et al.			
	AE						
	AF						
	AG						

Foreign Patent Documents or Published Foreign Patent Applications								
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
	AH							
	AI							
	AJ							
	AK							
	AL							

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
Aullah	AM	Li, et al.; Transport, Manipulations, and Reaction of Biological Cells On-Chip Using Electrokinetic Effects; April 15, 1997; Analytical Chemistry, Vol. 69, No. 8, pgs. 1564-1568
	AN	Mihrimah et al.; Heterogeneous Integration through Electrokinetic Migration; November/December 2001; IEEE Engineering in Medicine and Biology; pgs. 144-151
	AO	Swanson, et al.; A fully multiplexed CMOS biochip for DNA Analysis; 2000; Sensors and Actuators B 64; pgs. 22-30
	AP	Zeidler; Automated chromosome analysis; August 1988; Nature, Vol. 334, No. 6183; pg. 635

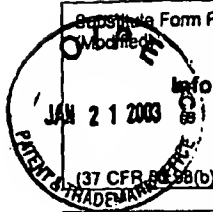
Examiner Signature <i>Aullah</i>	Date Considered <i>4-7-2004</i>
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Substitute Disclosure Form (PTO-1449)

09/998012

Sheet 1 of 1

Substitute Form PTO-1449 U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 07977-304001	Application No. 10/081,558
Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR 1.98(b))	Applicant S. Seo, et al.	
	Filing Date February 20, 2002	Group Art Unit



U.S. Patent Documents

Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
Aullah	AA	5 719 467	Feb 17, 1998	Antoniadis et al.			
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Foreign Patent Documents or Published Foreign Patent Applications

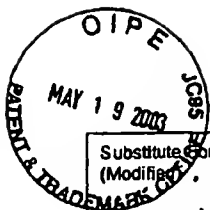
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Sheet 1 of 1

Substitute Form PTB-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 15670-009001	Application No. 09/998,012
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		Filing Date November 28, 2001	Group Art Unit 2874

U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
Aullah ↓	AA	6,221,654	4/24/2001	QUAKE ET AL.			
	AB	2002/0005354	1/17/2002	SPENCE ET AL.			
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Aullah	AL	WO 99/61888	2/12/1999	WIPO				
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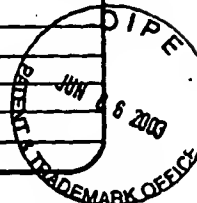
INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Application Number 09/998,012
Filing Date November 28, 2001
First Named Inventor Mark Wang et al.
Group Art Unit 2874
Examiner Name AKM ULLAH
Attorney Docket Number 15670-009001

Sheet 1 of 10



Examiner Initials	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Figures Appear
	Number	Kind Code ² (if known)			
A. Ullah	US-3558877		Pressman	01/28/71	
	US-3628182		Ashkin et al	12/14/71	
	US-3638138		Ashkin et al	01/25/72	
	US-3682183		Ashkin et al	05/08/72	
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	US-4832517		Asher	12/30/86	
	US-4758427		Gohde	07/12/88	
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	US-5327515		Anderson et al	07/05/94	

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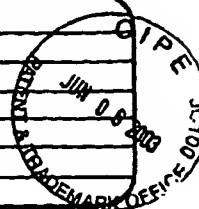
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Application Number	09/998,012
Filing Date	November 28, 2001
First Named Inventor	Mark Wang et al.
Group Art Unit	2874
Examiner Name	AKM ULLAH
Attorney Docket Number	15670-009001

Sheet 2 of 10

Examiner Initials	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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	US-5337324		Ohtsu et al	08/08/94	
	US-5338930		Chu et al	08/18/94	
	US-5343038		Nishiwaki et al	08/30/94	
	US-5355252		Haraguchi	10/11/94	
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	US-5383190		Inaba et al	11/08/94	
	US-5384744		Buican et al	11/15/94	
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	US-5452123		Asher et al	09/19/95	
	US-5473471		Yamagata et al	12/05/95	
	US-5495105		Nishimura et al	02/27/96	
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	US-5608519		Courtey et al	03/04/97	
	US-5620857		Weetall et al	04/15/97	
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	US-5653859		Parton et al	08/05/97	
	US-5659561		Toruellas et al	08/19/97	
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	US-5804436		Okun et al	09/09/98	
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	US-5900180		Whitesides et al	05/04/99	
	US-5919648		Okun et al	07/06/99	
	US-5935507		Morito et al	08/10/99	
	US-5939718		Neal	08/17/99	
	US-5942443		Perce et al	08/24/99	
	US-5950071		Hammond et al	08/07/99	
	US-5952851		Morito et al	09/14/99	
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	US-5956106		Peterson et al	09/21/99	
	US-5983630		Becker et al	11/30/99	
	US-5983631		Parton et al	11/30/99	
	US-5983632		Becker et al	11/30/99	
	US-6015714		Beldarali et al	01/18/00	



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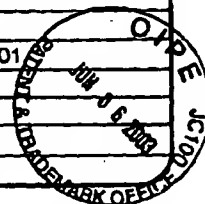
INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet **3** of **10**

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Application Number **09/998,012**
Filing Date **November 28, 2001**
First Named Inventor **Mark Wang et al.**
Group Art Unit **2874**
Examiner Name **AKM ULLAH**
Attorney Docket Number **15670-009001**



Examiner Initials*	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	Number	Kind Code ² (if known)			
Aullah	US-6033548		Ramsay	03/07/00	
	US-6055108		Grier et al	04/25/00	
	US-6067859		Kas et al	05/30/00	
	US-6071394		Cheng et al	06/08/00	
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	US-6082205		Zborowski et al	07/04/00	
	US-6088097		Uhl	07/11/00	
	US-6088376		O'Brien et al	07/11/00	
	US-6096509		Okun et al	08/01/00	
	US-6111398		Graham	08/29/00	
	US-6121603		Hang et al	09/18/00	
	US-6139831		Shivashankar et al	10/31/00	
	US-6142025		Zborowski et al	11/07/00	
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	US-6197178	B1	Pathig et al	03/08/01	
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Aullah	WO	94/08221	A1	Warburton	04/14/94		
	WO	97/21832	A1	Eigen et al	06/19/97		
	WO	99/39190	A1	Hefti	08/05/99		
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	WO	00/45170	A2	Hefti	08/03/00		
	WO	00/45179	A2	Zuker et al	08/03/00		

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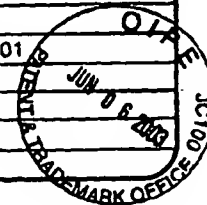
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Sheet 4 of 10

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Application Number 09/998,012
Filing Date November 28, 2001
First Named Inventor Mark Wang et al.
Group Art Unit 2874
Examiner Name AKM ULLAH
Attorney Docket Number 15670-009001



Examiner Initials*	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ₁
	Office ^a	Number ^a	Kind Code ^b (if known)				
Aullah	WO	00/54882	A1	Zhu et al	09/21/00		
	WO	01/05514	A1	Lock et al	01/25/01		
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	WO	01/40454	A1	Koller et al	06/07/01		
	WO	01/40769	A2	Gerbow	06/07/01		
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	JP	3062332	A	Kano et al	03/09/98		abst
	JP	11218691	A	Yasuda et al	08/10/99		abst

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Aullah	ACKERSON et al, "Radiation Pressure As A Technique For Manipulating The Particle Order In Colloidal Suspensions", Faraday Discuss. Chem. Soc., 83, 1987, 309-316.	
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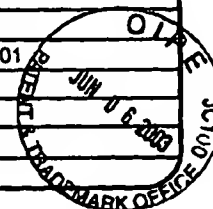
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Sheet 5 of 10

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Application Number	09/998,012
Filing Date	November 28, 2001
First Named Inventor	Mark Wang et al.
Group An Unit	2874
Examiner Name	AKM ULLAH
Attorney Docket Number	15670-009001



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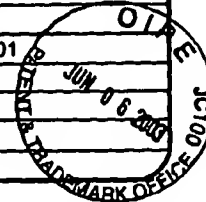
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Application Number	09/998,012
Filing Date	November 28, 2001
First Named Inventor	Mark Wang et al.
Group Art Unit	2874
Examiner Name	AKM ULLAH
Attorney Docket Number	15670-009001



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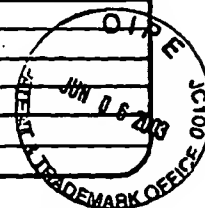


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		Filing Date	November 28, 2001
		First Named Inventor	Mark Wang et al.
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		Examiner Name	AKM ULLAH
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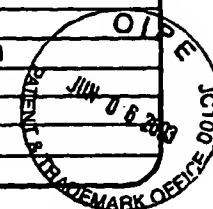
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Application Number	09/998,012
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Application Number 09/998,012
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			Filing Date	November 28, 2001
			First Named Inventor	Mark Wang et al.
			Group Art Unit	2874
			Examiner Name	AKM ULLAH
			Attorney Docket Number	15670-008001
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